



The San Bernardino County Economy

San Bernardino County Regional
Economic Update
November 24, 2014

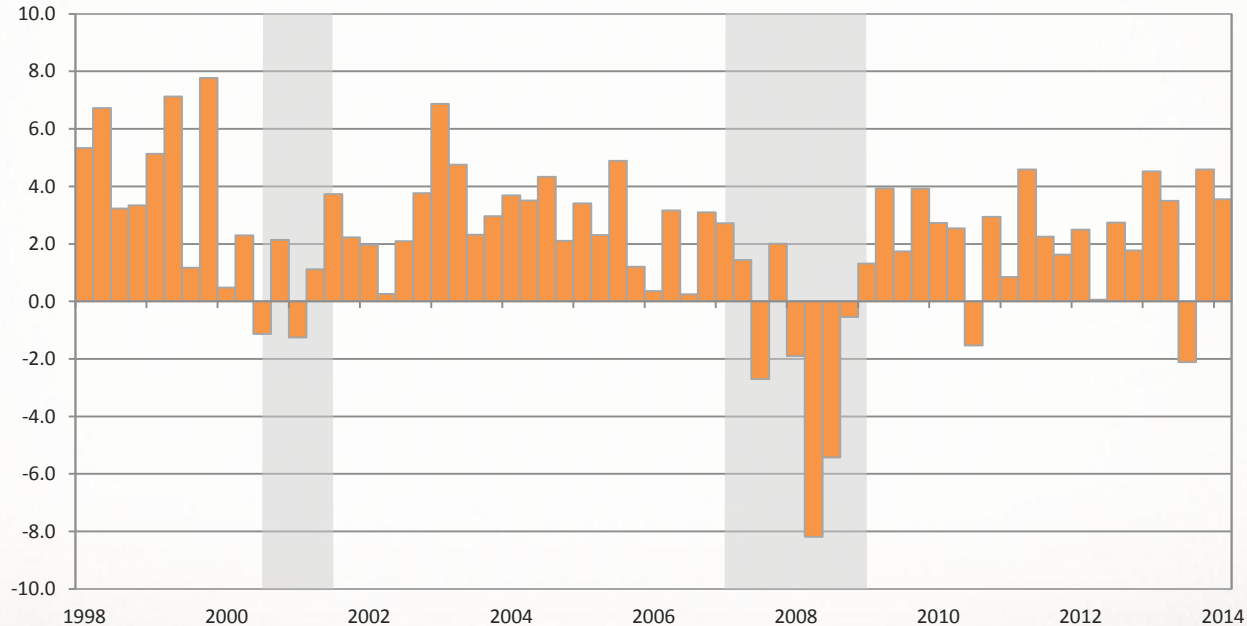
Overview

- National economy continues to grow
 - Risk to up and downside fairly equal
 - Federal spending reductions in spending are a drag on growth
 - Federal Reserve continues to delay rate increases
- California employment growth faster than the national pace but unemployment rate is higher
- Inland Empire employment growth was strong in 2013 and 2014 but the unemployment rate remains elevated
 - Continued strategies needed around long-term unemployed
 - Obsolete skills due to increased productivity and off shoring but some manufacturing is returning
 - Strategies should be considered around encouraging college education and/or credentialing

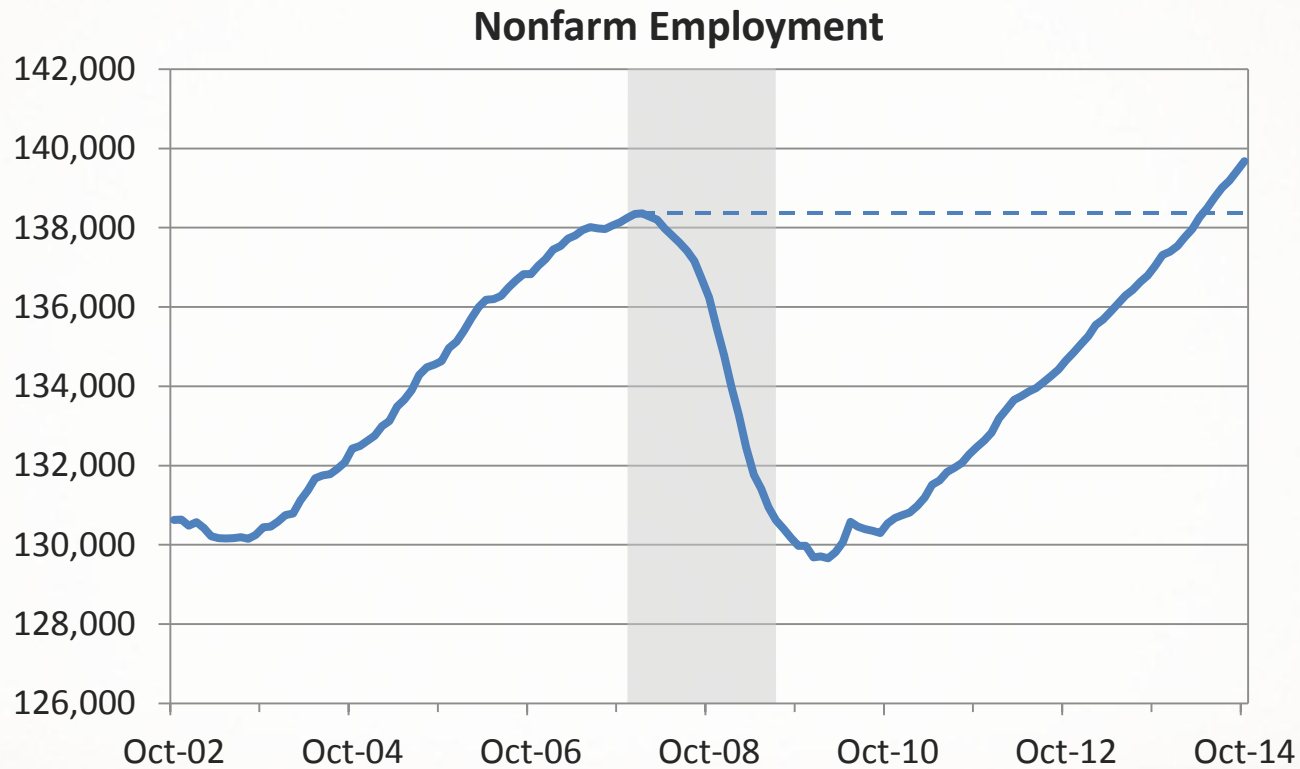
Economic Growth Has Picked Up After Real GDP Contracted in the 1st Quarter

National defense spending has contracted in
8 of the past 12 quarters

Real Gross Domestic Product
Quarterly Annualized Percent Change



Recession Ended in June 2009, Employment Finally Surpassed Previous Peak in May 2014



Source: U.S. Department of Labor.
Data through October 2014 (preliminary)

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Unemployment Rate Continues to Decline

Unemployment Rate



Source: U.S. Department of Labor.

Data through October 2014 (preliminary)

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Slack Remains in Labor Market

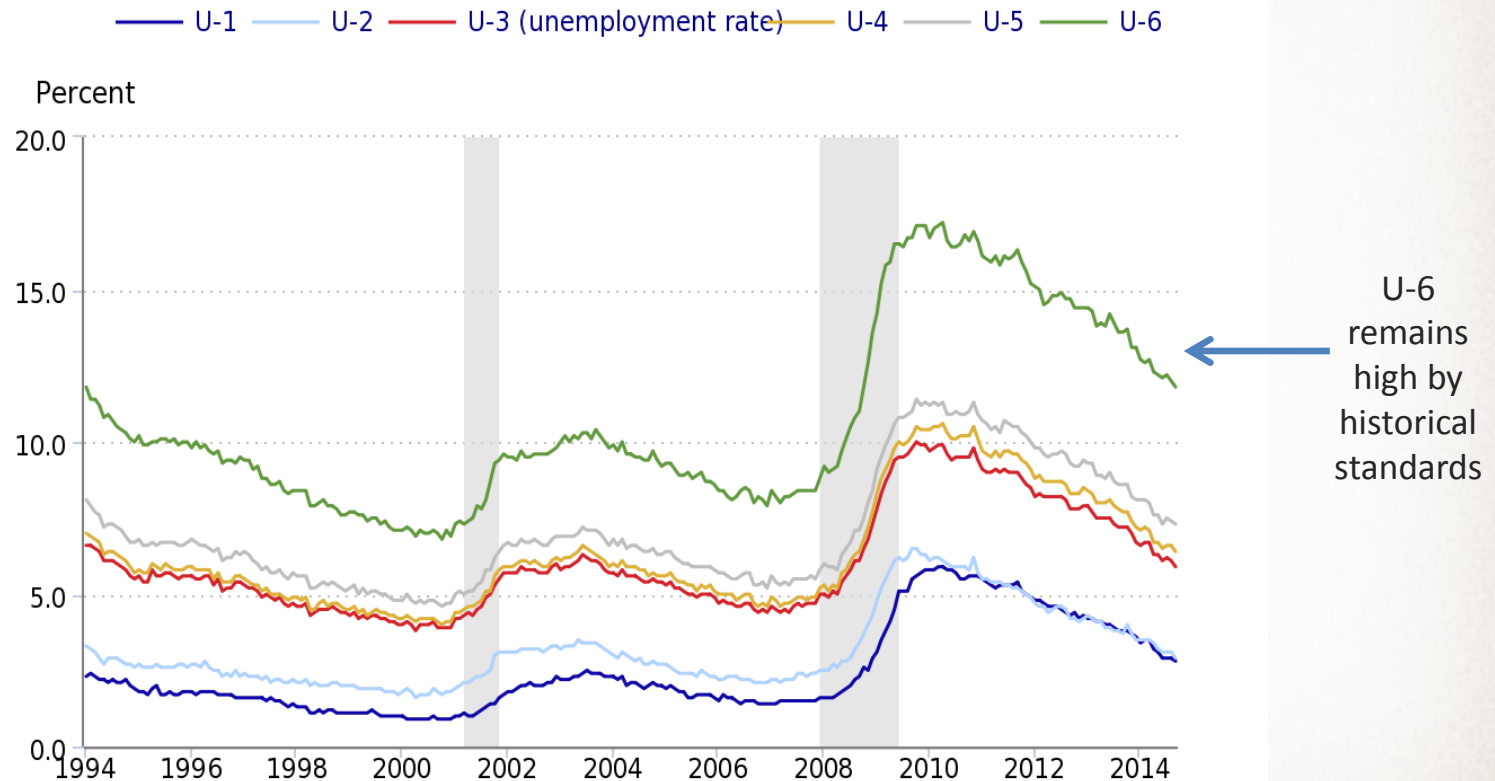
Table A-15. Alternative measures of labor underutilization
[Percent]

Measure	Not seasonally adjusted			Seasonally adjusted					
	Sept. 2013	Aug. 2014	Sept. 2014	Sept. 2013	May 2014	June 2014	July 2014	Aug. 2014	Sept. 2014
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	3.7	2.8	2.7	3.8	3.1	2.9	2.9	2.9	2.8
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	3.5	3.0	2.7	3.7	3.2	3.1	3.1	3.1	2.9
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	7.0	6.3	5.7	7.2	6.3	6.1	6.2	6.1	5.9
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	7.5	6.7	6.2	7.7	6.7	6.5	6.6	6.6	6.4
U-5 Total unemployed, plus discouraged workers, plus all other persons marginally attached to the labor force, as a percent of the civilian labor force plus all persons marginally attached to the labor force.....	8.4	7.5	7.1	8.6	7.6	7.3	7.5	7.4	7.3
U-6 Total unemployed, plus all persons marginally attached to the labor force, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all persons marginally attached to the labor force.....	13.1	12.0	11.3	13.6	12.2	12.1	12.2	12.0	11.8

NOTE: Persons marginally attached to the labor force are those who currently are neither working nor looking for work but indicate that they want and are available for a job and have looked for work sometime in the past 12 months. Discouraged workers, a subset of the marginally attached, have given a job-market related reason for not currently looking for work. Persons employed part time for economic reasons are those who want and are available for full-time work but have had to settle for a part-time schedule. Updated population controls are introduced annually with the release of January data.

Slack Remains in Labor Market

Alternative measures of labor underutilization, seasonally adjusted, 1994–2014



Click legend items to change data display. Hover over chart to view data.

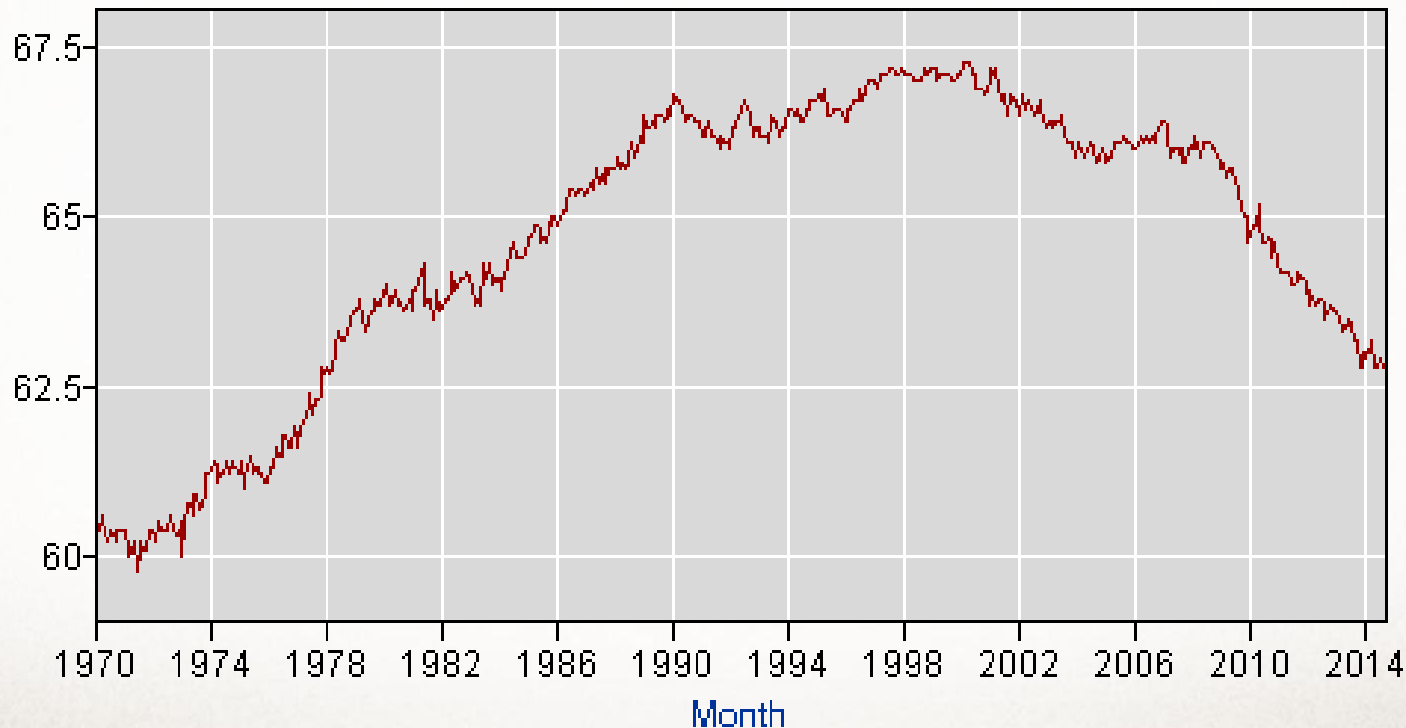
Note: Shaded areas represent recessions as designated by the National Bureau of Economic Research.

Source: U.S. Bureau of Labor Statistics.

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Labor Market is Weaker than Unemployment Rate Suggests

**PARTICIPATION RATE: % 16 YEARS AND OVER IN THE
LABOR MARKET
UNEMPLOYMENT RATE WOULD BE 7.2% WITH HIGHER**

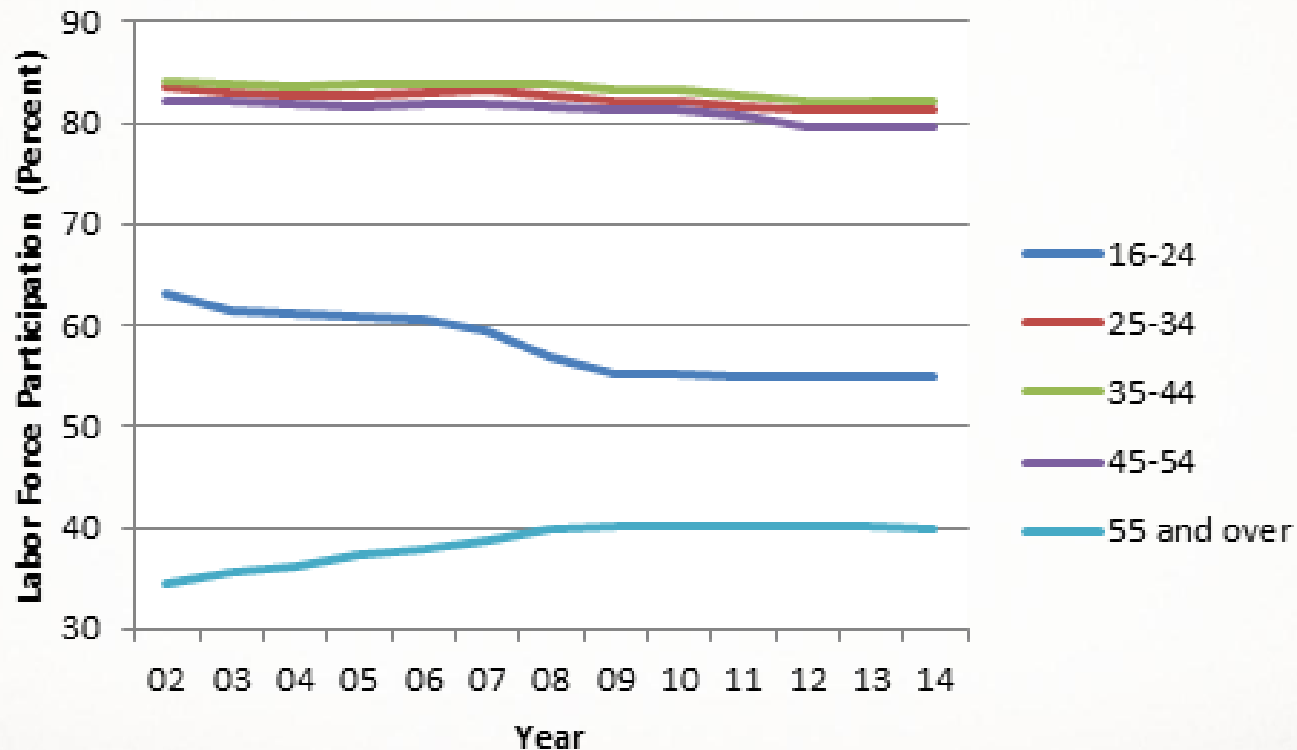


Source: U.S. Department of Labor Statistics.
Data through October 2014

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Youth Dropping out of Labor Force

By Age Cohort

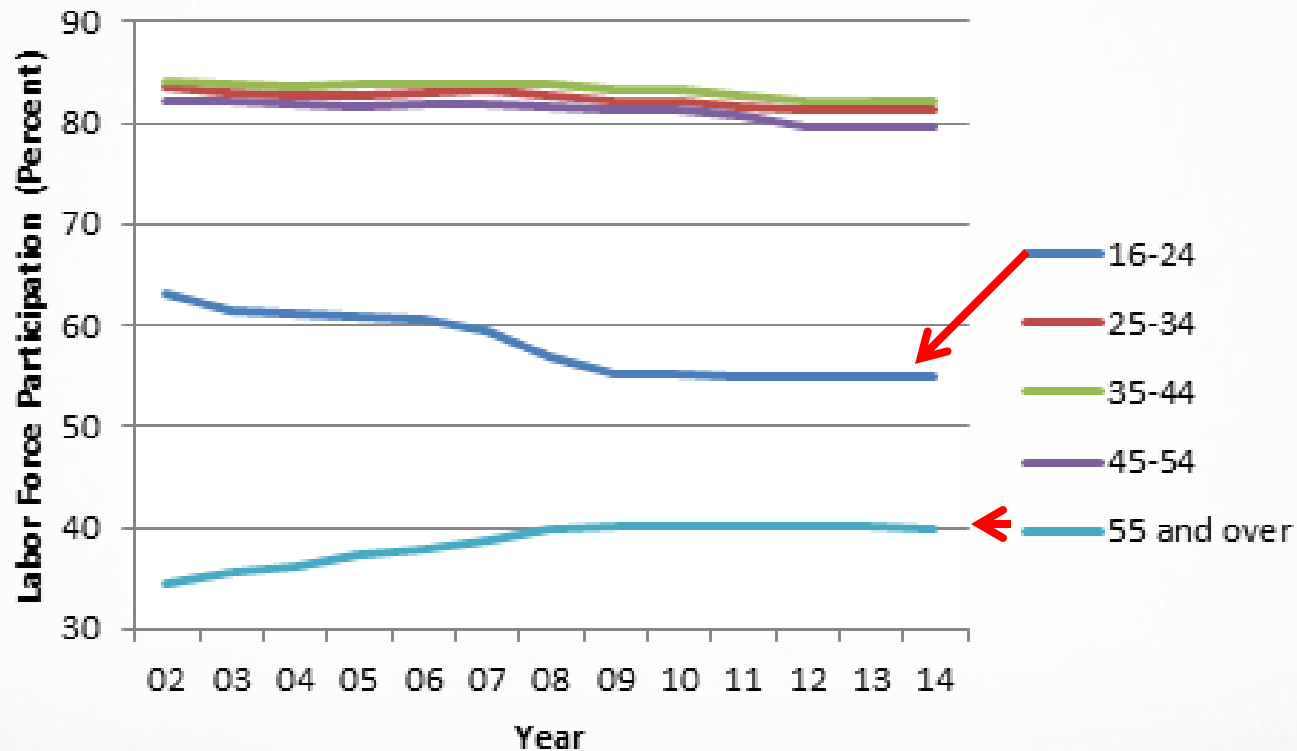


Source: U.S. Department of Labor Statistics.

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Youth Dropping out of Labor Force

By Age Cohort



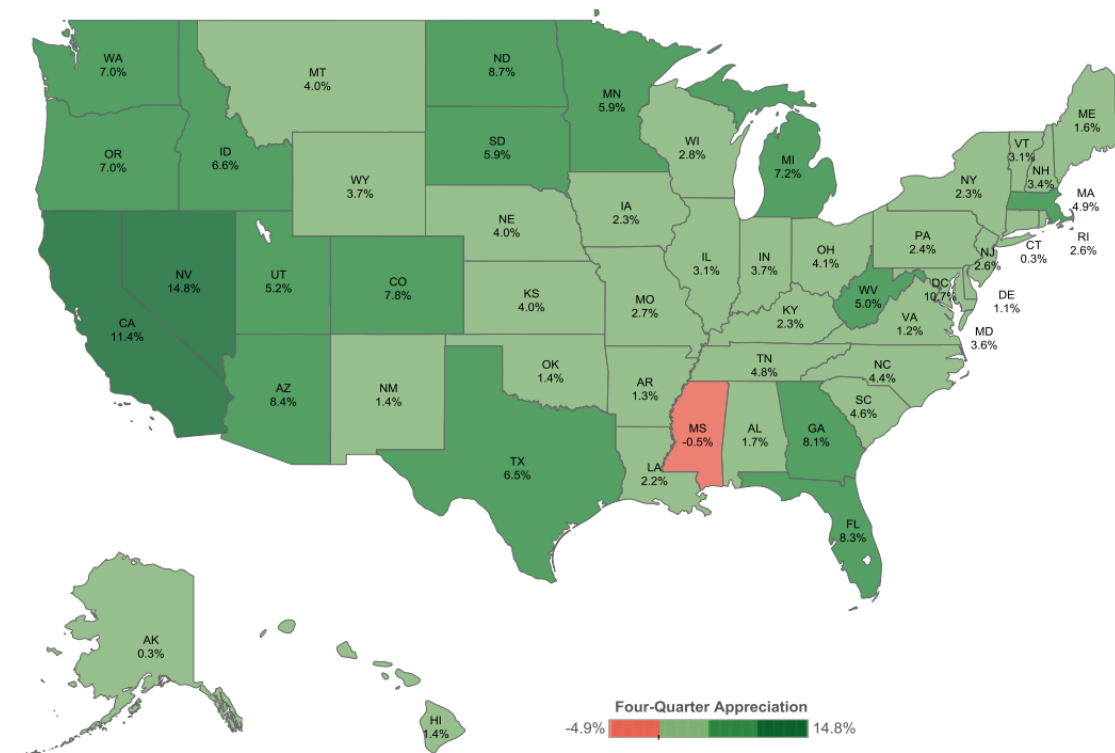
Source: U.S. Department of Labor Statistics.

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Housing Market Improving: Home Prices are Increasing

Four-Quarter Price Change by State: Purchase-Only Index (Seasonally Adjusted)

U.S. Four-Quarter Appreciation = 5.2% (2013Q2-2014Q2)



SOURCE: FHFA



Source: Federal Housing Finance Agency
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National Forecast

	2013-14 Actual				2014-15 Forecast			
	Qtr4	Qtr1	Qtr2	Qtr3	Qtr4	Qtr1	Qtr2	Qtr3
Real Gross Domestic Product	3.5	-2.1	4.6	3.5	3.1	2.8	3.0	3.2
Consumptions Expenditures	3.7	1.2	2.5	1.8	2.6	2.5	2.3	2.6
Residential Investment	-8.5	-5.3	8.8	1.8	3.8	4.7	5.9	6.0
Nonresidential Investment	10.4	1.6	9.7	5.5	6.2	6.7	7.1	6.7
Equipment	14.1	-1.0	11.2	7.2	7.1	8.7	9.7	8.8
Intellectual Property	3.7	4.6	5.5	4.2	3.9	4.1	4.6	3.7
Government Expenditure	-3.8	-0.8	1.7	4.6	1.1	1.1	1.1	1.2
Net Exports, Goods & Services	-383.9	-447.2	-460.4	-409.9	-419.7	-418.1	-413.3	-407.3

	Percentage Change From a Year Ago (%)							
Consumer Price Index	1.2	1.4	2.1	1.8	1.9	2.0	1.9	2.3

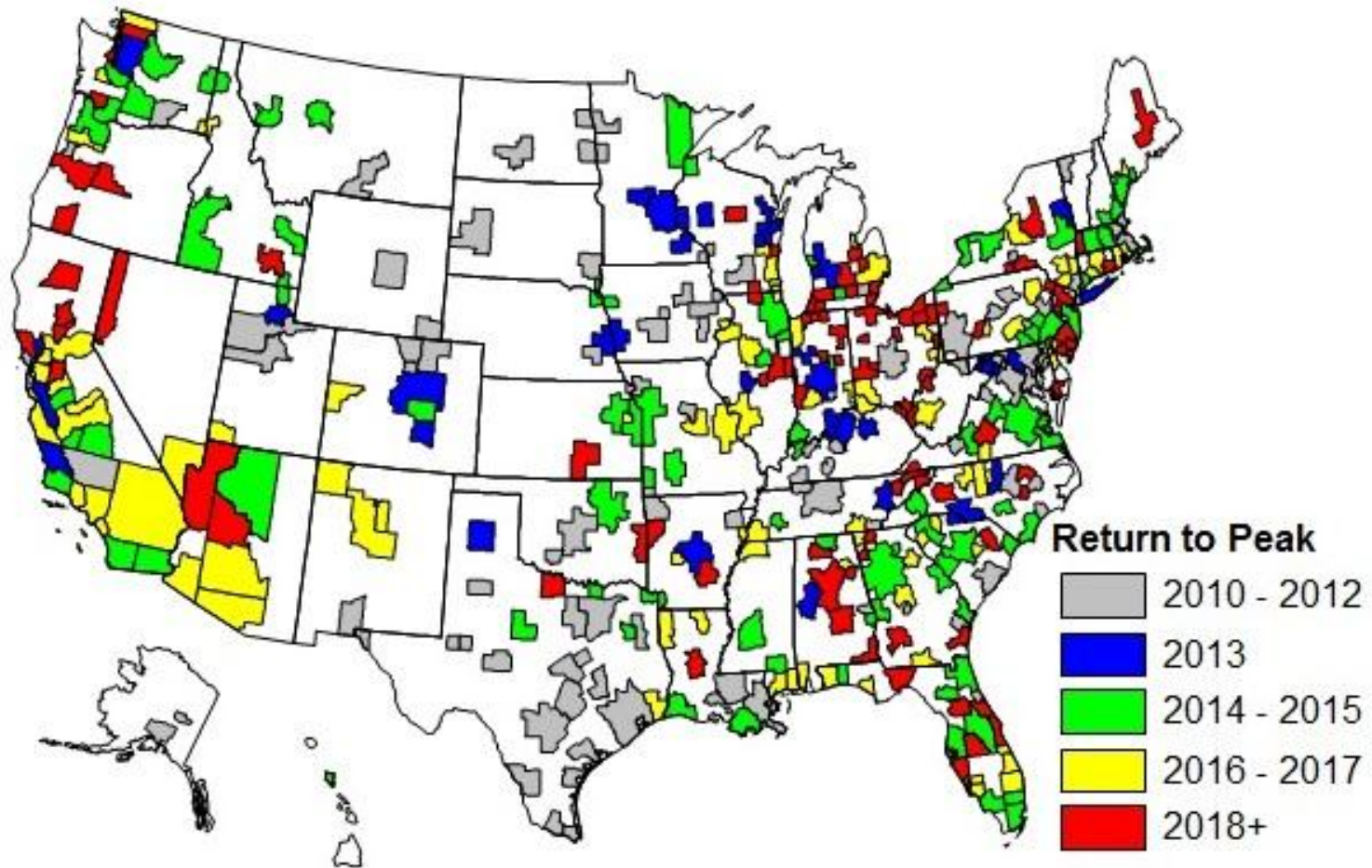
	Yields (%)							
Federal Funds Rate	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4
Prime Rate	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.4
10-Year Treasury	2.7	2.8	2.6	2.5	2.2	2.3	2.4	2.8
30-Year Conventional Mortgage	4.3	4.4	4.2	4.1	4.0	4.1	4.1	4.5

Source: Chmura Economics & Analytics

Note: Yields reported for the average of the quarter
GDP based on preliminary figures (Billions of 2009 Dollars)

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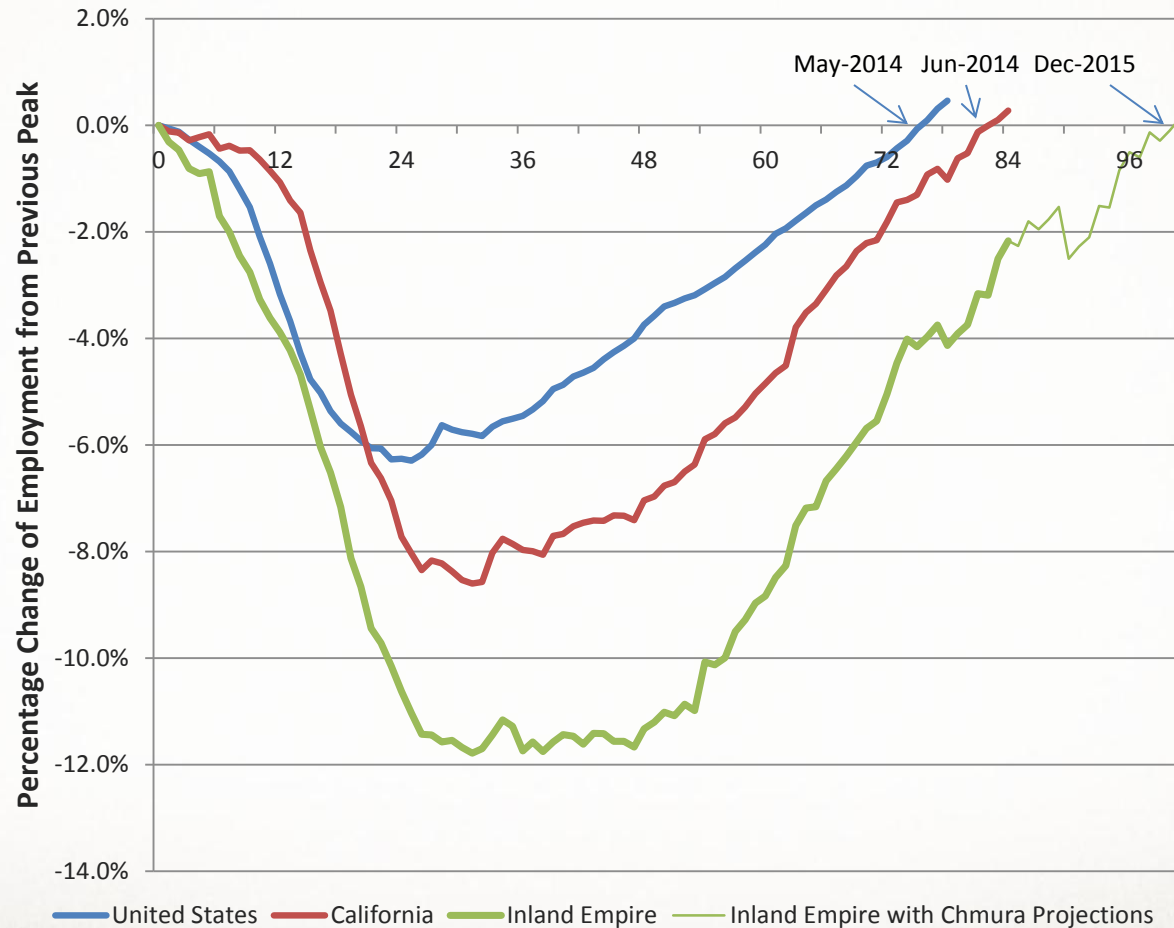
Expected Return to Peak Employment Varies Greatly



Source: IHS Economics.

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When Will Employment in the Inland Empire Surpass its Pre-Recession Peak?



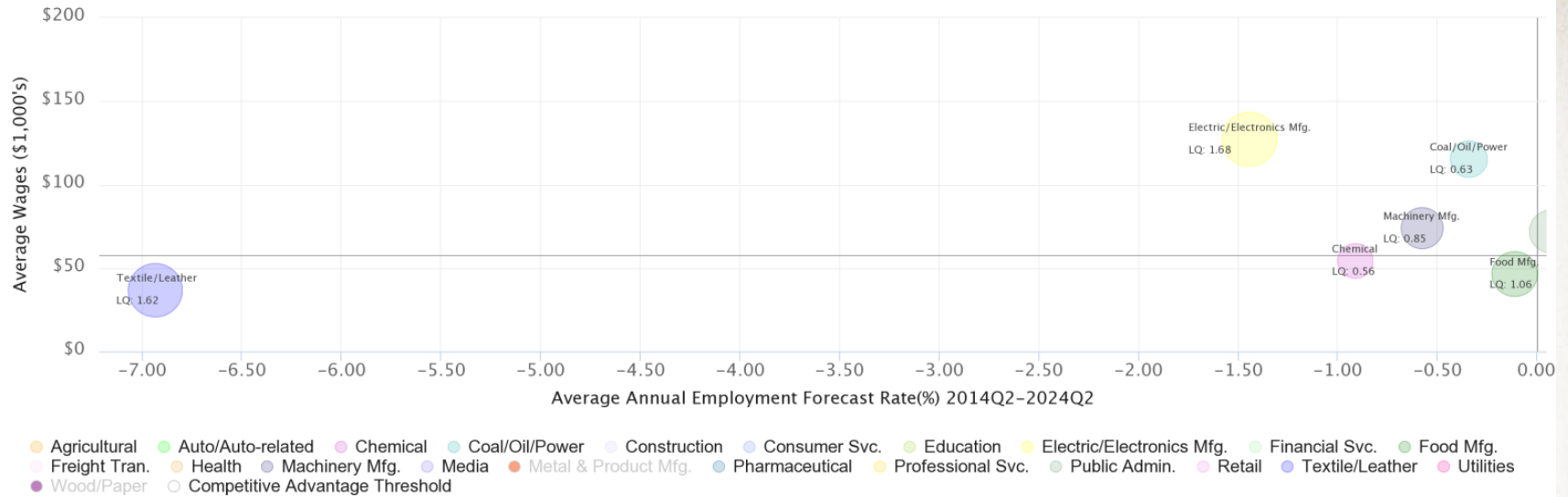
Source: BLS & JobsEQ

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California's Outlook

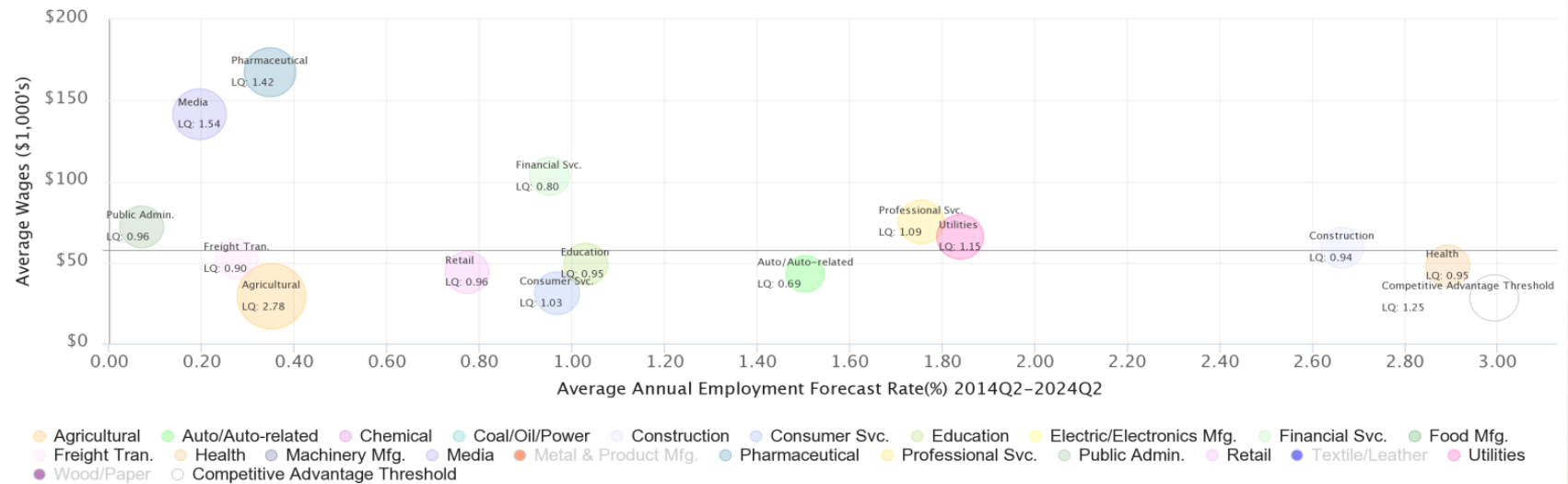
- Employment growth:
 - 2.8% in 2013
 - 2.4% in 2014
 - 2.3% in 2015
- Unemployment falling:
 - 8.9% average in 2013
 - 7.4% average in 2014
 - 6.7% average in 2015
- Housing recovery has weakened somewhat over the past year
 - Prices continue moving up, driving affordability down
 - Sales are down modestly
 - Foreclosures/distressed sales on the decline
 - Investors/cash buyers declining

Industry Clusters for California as of 2014Q2



Source: JobsEQ®. Data as of 2014Q2

Industry Clusters for California as of 2014Q2



Source: JobsEQ®. Data as of 2014Q2

Source: JobsEQ
Circle size represents total employment.

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Inland Empire Economy

Riverside-San Bernardino-Ontario MSA

- Demographic trends
- Recent economic performance & forecasts
- Housing situation
- Industry clusters & competitiveness
- Workforce alignment & training
- Findings/recommendations

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Inland Empire Demographics

Continued Rapid Growth with Challenges

- Inland Empire
 - Average Yearly Pop. Growth 2003-13 \approx 1.7%
 - Working Age Pop. Growth 2021 \approx 15%
 - < 18 years \approx 29%
 - Poverty rate \approx 17%
 - Poor English \approx 17%
 - 47.3% Hispanic or Latino and 6.1% Asian
- California
 - Average Yearly Pop. Growth 2003-13 \approx 0.8%
 - Working Age Pop. Growth 2021 \approx 7%
 - < 18 years \approx 25%
 - Poverty rate \approx 15%
 - Poor English \approx 20%
 - 37.6% Hispanic or Latino and 13.0% Asian

Economic Growth Drivers

- Tailwinds to growth:
 - Improving national economy (job and wage growth)
 - Population and demographics
 - Cyclical up-turn across several sectors
- Headwinds to growth:
 - State & federal belt tightening
 - Weakness in the residential housing market
 - Defense downsizing

Economic Performance

	Actual			Forecast	
San Bernardino MSA	2011	2012	2013	2014	2015
Total Employment*	0.9%	2.6%	3.5%	2.3%	1.7%
Wages and Salaries**	2.7%	3.4%	4.1%	3.9%	3.6%
Real Retail Sales	6.4%	5.3%	5.0%	5.3%	4.1%
Building Permits	-24.2%	24.6%	45.1%	3.8%	10.4%
California State Total					
Total Employment*	1.1%	2.7%	2.8%	2.4%	2.3%
Wages and Salaries**	4.5%	5.8%	3.5%	5.4%	5.0%
Real Retail Sales	6.2%	5.3%	4.4%	5.2%	5.3%
Building Permits	7.1%	28.1%	31.9%	5.7%	9.3%

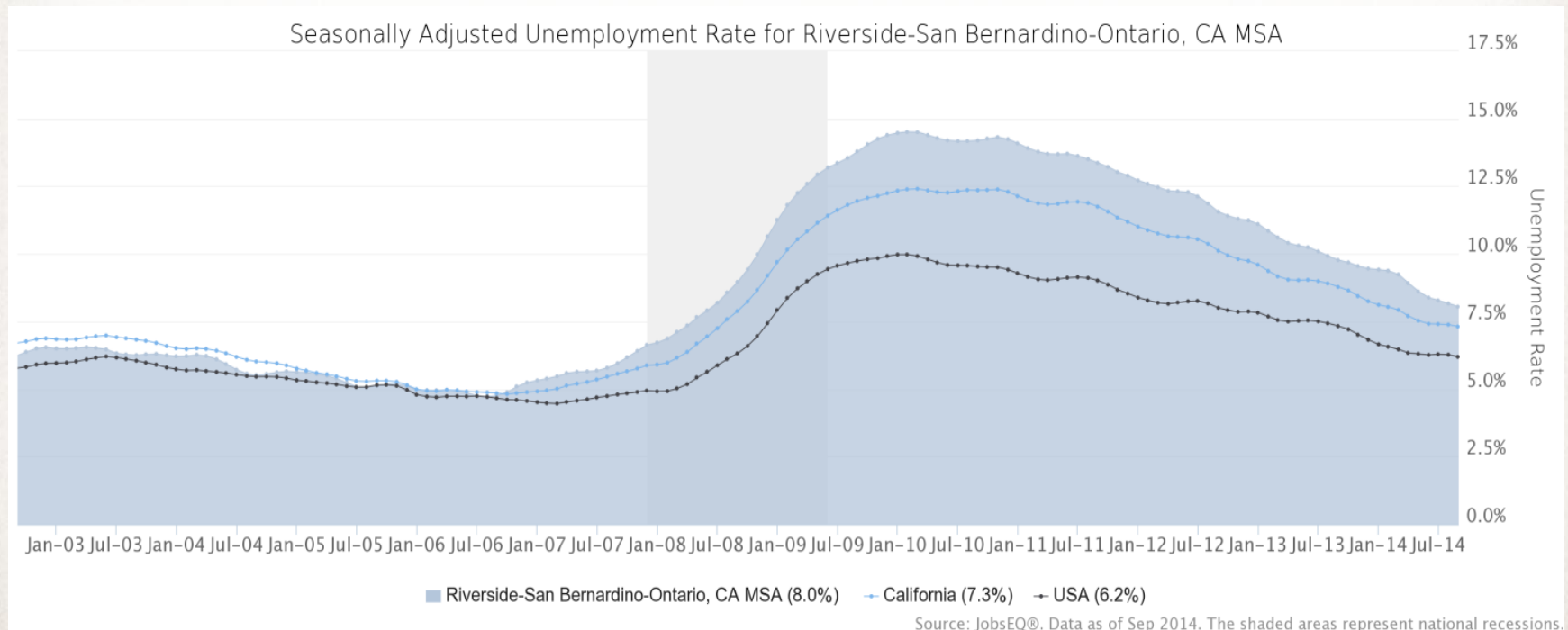
*Employment refers to nonagricultural employment.

**Wages and salaries include some options that were exercised. Actual data are through the 2nd quarter of 2014.

All reported series are seasonally adjusted.

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Unemployment Rate Declining



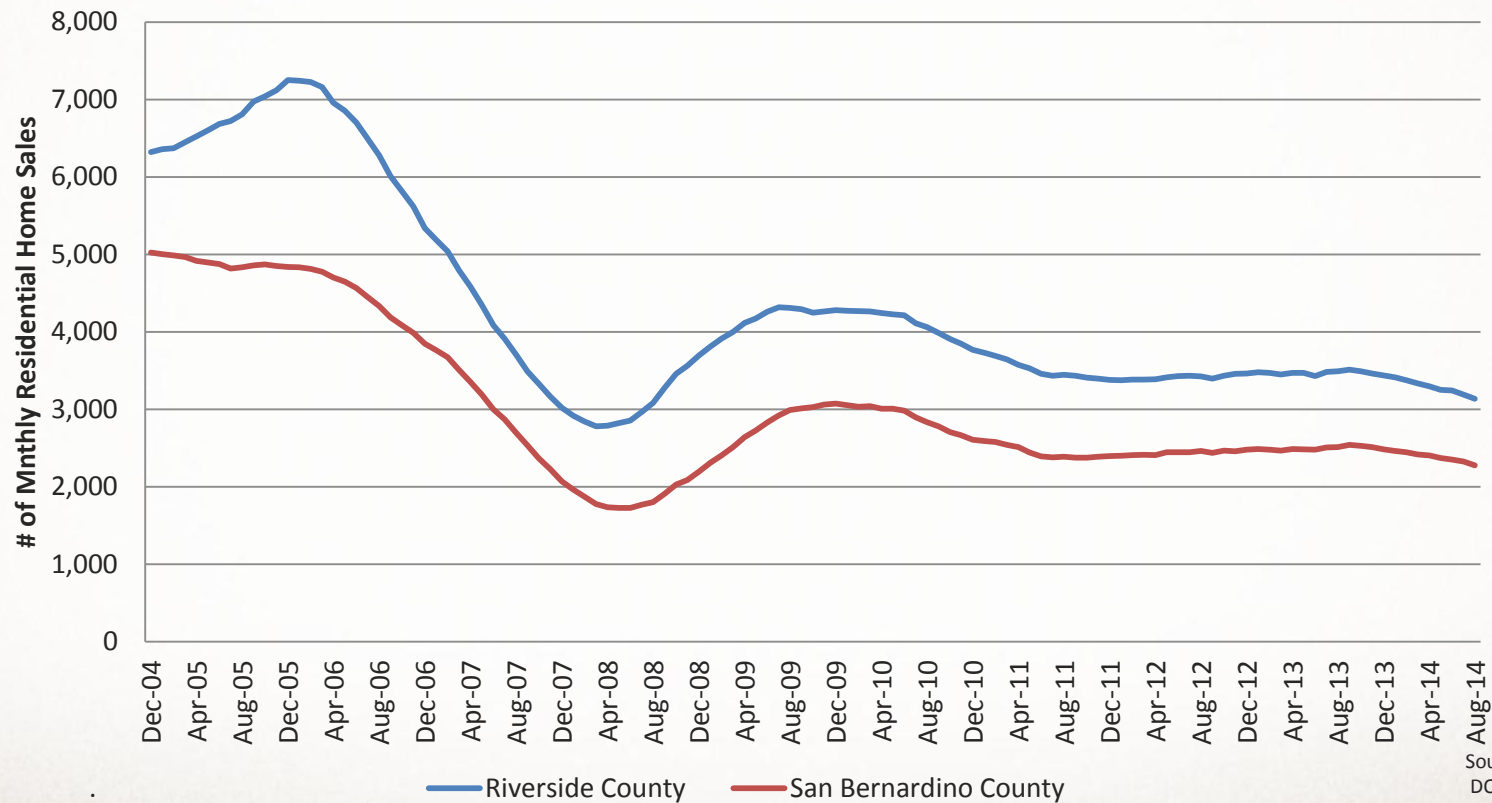
Housing Recovery Losing Some Momentum

- Home sales are above mid-2008 trough but remain weak by historic standards
- Distressed inventory moving downward
- Home prices are moving up

Sales Have Declined Modestly Over the Past Year

Less First-time Homebuyers

12-Month Moving Average Home Sales

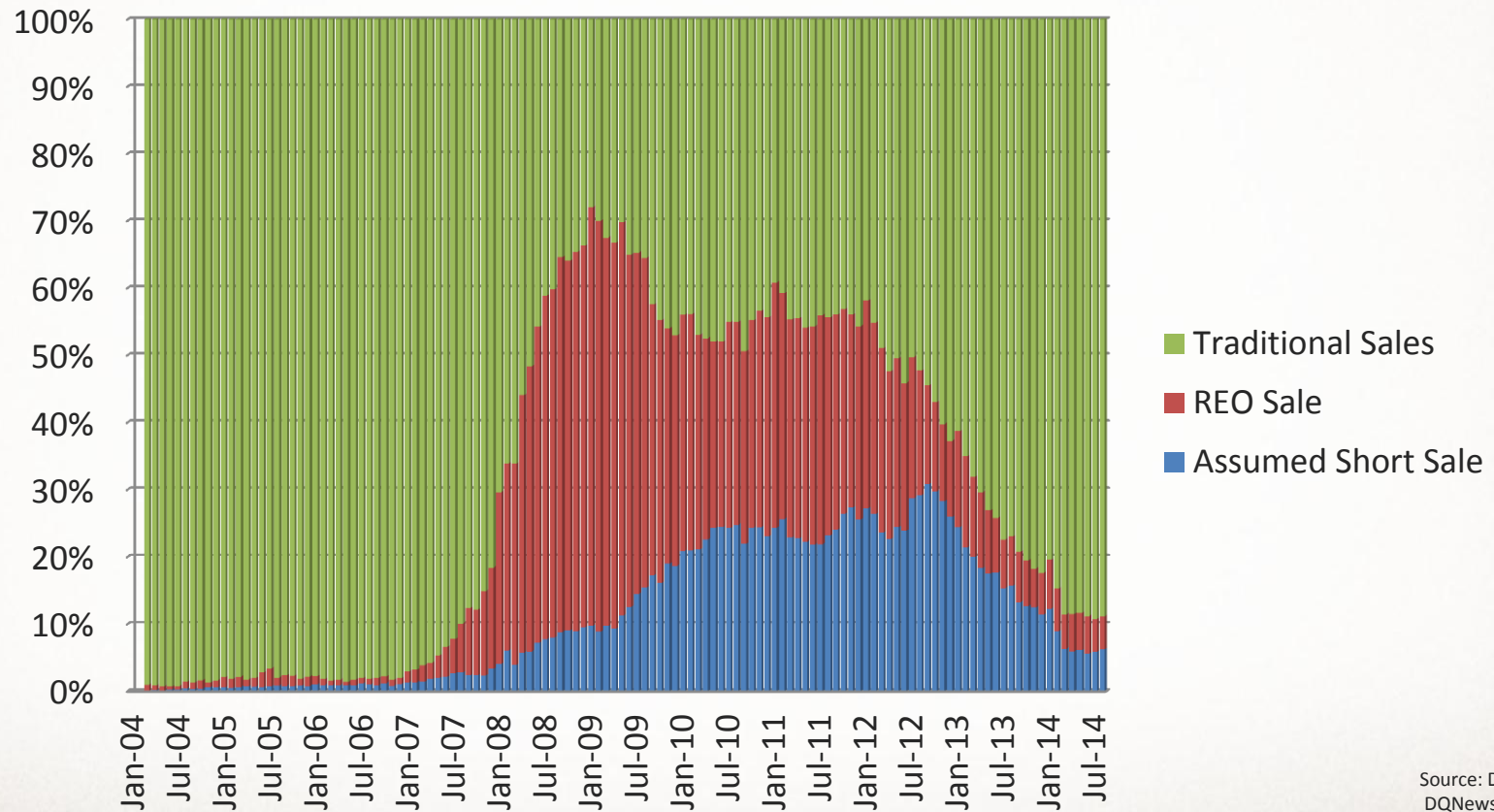


Data through July 2014

Source: DataQuick;
DQNews.com

Distressed Inventory Declining

Riverside County: Residential Home Sales by Type



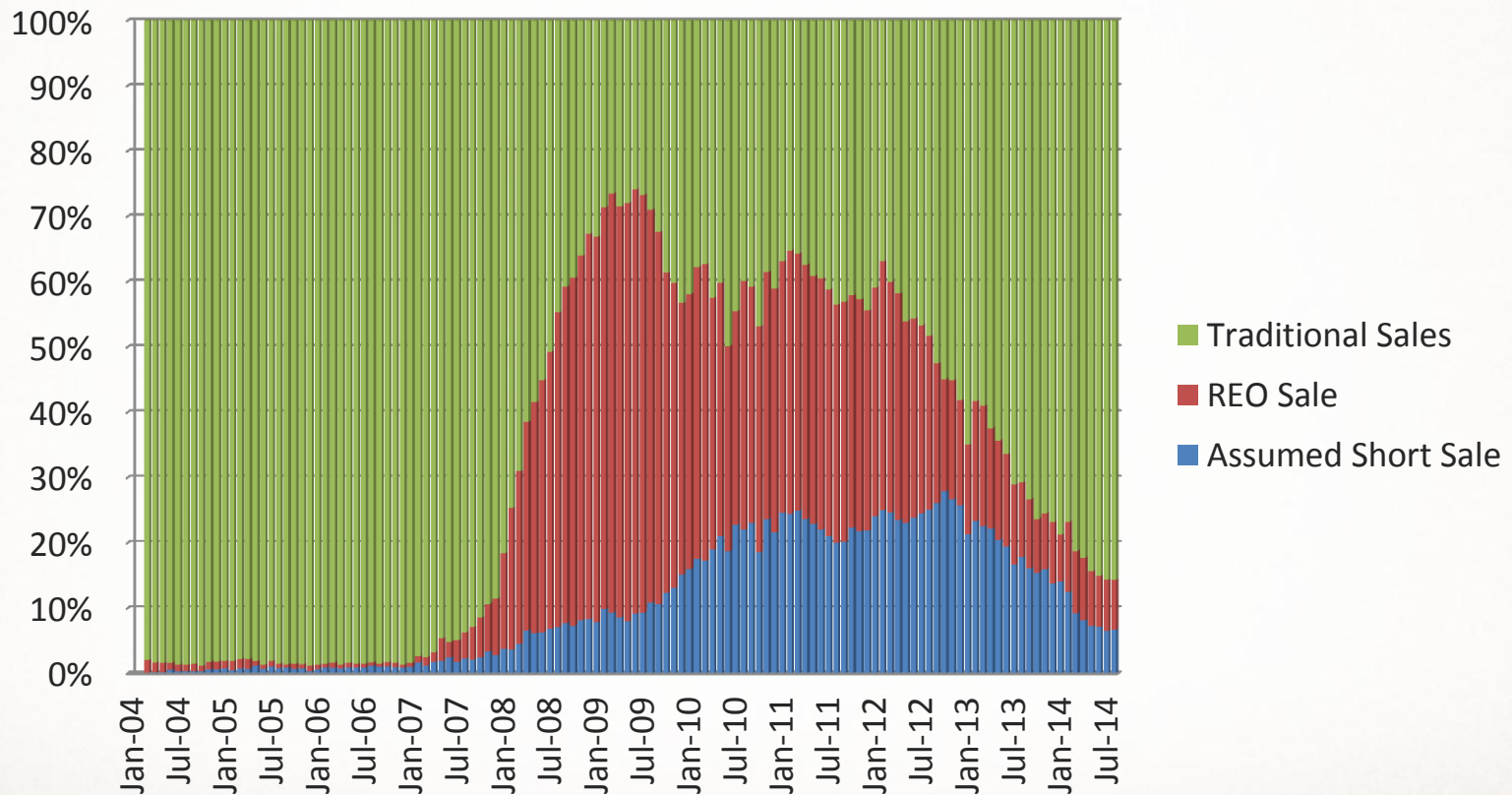
Source: DataQuick;
DQNews.com

Data through July 2014

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San Bernardino Making Progress

San Bernardino County: Residential Home Sales by Type



Data through July 2014

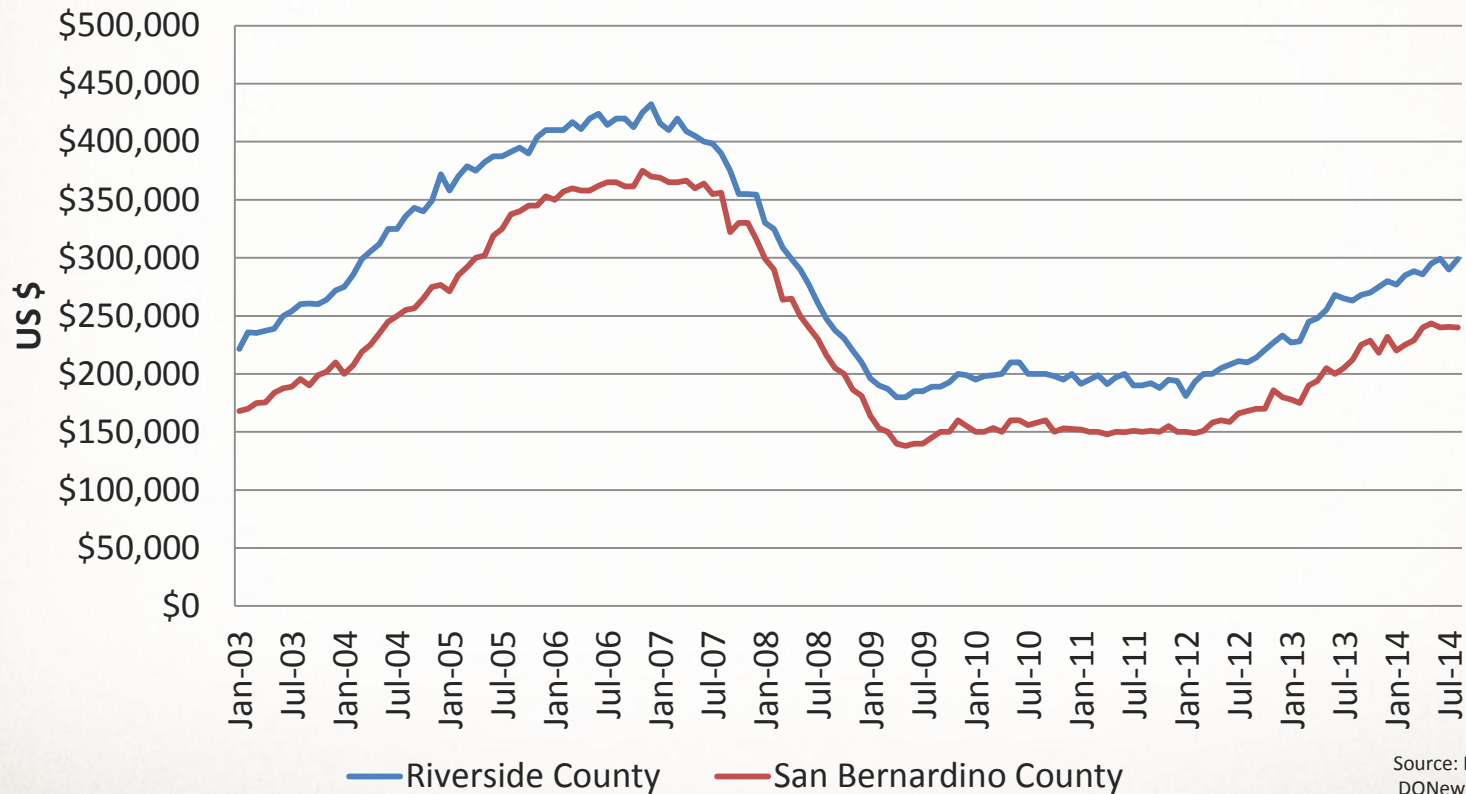
Source: DataQuick;
DQNews.com

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Housing Prices Looking Up

Loss of Equity Damps Consumer Spending

Median Single Family Home Prices

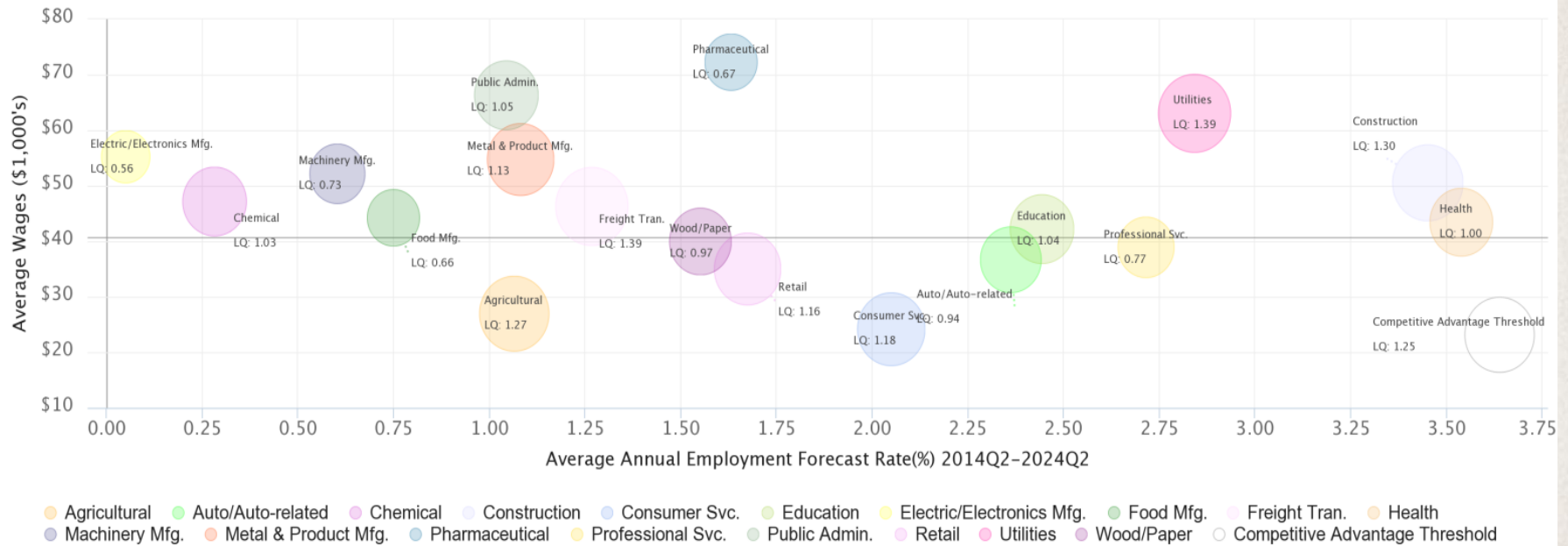


Source: DataQuick;
DQNews.com

Data through July 2014

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Industry Clusters for Riverside-San Bernardino-Ontario, CA MSA as of 2014Q2



Source: JobsEQ®. Data as of 2014Q2

Source: Circle size represents total employment.

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Key Clusters Driving Job Growth

- Long-run growth rates; high location quotient; recent 3-year job gains; competitiveness
 - 20 separate sub-industries
 - Health care and social assistance
 - 4 sub-industries w/ $\approx 79,000$ current jobs
 - Transportation and warehousing
 - 5 sub-industries w/ $\approx 24,000$ current jobs
 - Retail and wholesale trade
 - 4 sub-industries w/ $\approx 28,000$ current jobs
 - Construction
 - 7 sub-industries w/ $\approx 62,000$ current jobs

Key Clusters

	Current			Historical				Forecast	
	Four Quarters Ending with 2014q2			Total Change over the Last 3 Years	Average Annual % Change in Employment 2011q2-2014q2			Next 3-Years	3-Year Analytic
Sector	Employment	Average Annual Wages	LQ	Employment	Riverside-San Bernardino-Ontario, CA MSA	CA	USA	Average Annual Growth Percent	Local Competitiveness
Health Care and Social Assistance	180,498	\$41,911	1.00	46,147	10.3%	9.2%	2.5%	3.5%	✓
Transportation and Warehousing	78,643	\$42,495	1.63	13,267	6.4%	2.3%	1.7%	1.8%	✓
Retail Trade	167,606	\$28,706	1.19	9,712	2.0%	2.1%	1.5%	1.7%	✓
Wholesale Trade	56,790	\$53,296	1.06	7,935	5.1%	2.8%	1.8%	1.5%	✓
Arts, Entertainment, and Recreation	25,819	\$26,875	1.14	-2,863	-3.4%	2.5%	2.1%	2.0%	
Manufacturing	86,544	\$49,083	0.78	2,547	1.0%	0.2%	1.3%	0.9%	
Construction	70,967	\$50,232	1.27	12,165	6.5%	5.6%	2.6%	3.4%	✓
Utilities	9,280	\$84,879	1.25	-663	-2.3%	-0.5%	-0.2%	1.1%	
Total All Industries	1,242,678	\$40,711	1.00	94,624	2.7%	2.4%	1.7%	2.2%	

Source: JobsEQ®

Job Growth By Education

Faster Growth Expected for Occupations Requiring More Education

	Regional Employment Q2 2014	Average Annual Salary Q2 2014	Average Annual Growth Rate Next 10 Years
Postgraduate	46,429	\$98,300	2.7%
Bachelor's degree	162,591	\$ 74,700	2.5%
2-Year degree or certificate	113,332	\$ 64,900	2.6%
Previous work experience, no award	134,087	\$ 49,300	2.1%
Long-term training, no exp, no award	59,399	\$ 50,600	2.5%
Moderate-term OJT, no exp, no award	174,506	\$ 42,400	2.1%
Short-term OJT, no exp, no award	552,335	\$26,800	2.1%
Source: JobsEQ®			

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Education Alignment Opportunities

Broad-Level Occupations	2014Q2 Employment	Awards (2012-13)	Training Concentration	Short-Run Supply & Demand Analysis	Max Annual Shortfall
Management	44,719	5,753	118%	↔ Equilibrium	-
Business and Financial Operations	43,247	659	36%	↓ Under-Supply	1,145
Computer and Mathematical	19,226	786	89%	↓ Under-Supply	98
Architecture and Engineering	11,179	489	58%	↓ Under-Supply	358
Life, Physical, and Social Science	6,671	890	87%	↓ Under-Supply	129
Community and Social Service	21,735	1,803	67%	↓ Under-Supply	879
Legal	5,701	219	56%	↓ Under-Supply	171
Education, Training, and Library	83,094	6,616	68%	↓ Under-Supply	3,182
Arts, Design, Entertainment, Sports, and Media	10,883	1,444	89%	↓ Under-Supply	177
Healthcare Practitioners and Technical	59,115	4,082	100%	↔ Equilibrium	-

Source: JobsEQ®

[\[1\]](#) Training concentration is the comparison of the local rate of degree production to the national average. 100% is equal to the average rate of degree production in the nation for a particular occupation. For example, 110% is 10% above average, 50% is half the national average, and so on.

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Key Occupational/Skill Gaps

Requiring an Associate's Degree or Postsecondary Non-Degree Award

- Average annual wages, projected growth
 - 74 occupations that pay wages near or above the state average
 - Includes STEM jobs
- 27.6% of your residents have a 2-year degree or higher

Inland Empire Occupations with Wages Near or Above Average Requiring an Associate's Degree

	Current Regional Employment	Average Annual Wages	Total Annual Demand	Projected Average Annual Employment Growth	Estimated Unemployment Rate	Previous Work Experience	Typical On-the-Job Training	STEM
Registered Nurses	21,959	\$88,100	1,114	2.7%	2.0%	None	None	
General and Operations Managers	17,306	\$108,400	786	2.3%	5.1%	1 to 5 years	None	
Construction Managers	2,106	\$109,500	167	3.4%	6.9%	More than 5 years	None	
Dental Hygienists	2,116	\$89,300	156	3.9%	2.4%	None	None	
Radiologic Technologists	1,680	\$59,800	80	2.8%	2.7%	None	None	
Paralegals and Legal Assistants	1,316	\$53,200	63	2.6%	8.1%	None	None	
Eligibility Interviewers, Government Programs	1,194	\$40,700	56	2.2%	10.6%	None	Moderate-term	
Respiratory Therapists	926	\$67,900	41	2.6%	2.8%	None	None	

Source: JobsEQ®

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Inland Empire Occupations with Wages Near or Above Average Requiring an Associate's Degree

	Current Regional Employment	Average Annual Wages	Total Annual Demand	Projected Average Annual Employment Growth	Estimated Unemployment Rate	Previous Work Experience	Typical On-the-Job Training	STEM
Diagnostic Medical Sonographers	513	\$69,700	39	4.8%	2.7%	None	None	
Physical Therapist Assistants	509	\$64,400	38	4.2%	4.9%	None	None	
Web Developers	573	\$64,100	31	2.9%	4.2%	1 to 5 years	None	
Electrical and Electronic Engineering Technicians	821	\$63,800	29	1.2%	5.5%	None	None	✓
Medical Equipment Repairers	338	\$57,300	28	4.0%	3.6%	None	Moderate-term	
Cardiovascular Technologists and Technicians	431	\$54,200	25	3.7%	2.4%	None	None	
Life, Physical, and Social Science Technicians, All Other	388	\$58,300	25	2.0%	10.6%	None	Moderate-term	✓
Environmental Science and Protection Technicians, Including Health	253	\$45,000	19	2.7%	10.5%	None	Moderate-term	✓

Source: JobsEQ®

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Inland Empire Occupations with Wages Near or Above Average Requiring an Associate's Degree

	Current Regional Employment	Average Annual Wages	Total Annual Demand	Projected Average Annual Employment Growth	Estimated Unemployment Rate	Previous Work Experience	Typical On-the-Job Training	STEM
Occupational Therapy Assistants	226	\$63,800	18	4.3%	2.9%	None	None	
Chemical Technicians	347	\$41,200	17	2.0%	8.2%	None	Moderate-term	✓
Forest and Conservation Technicians	296	\$41,700	16	0.7%	15.5%	None	None	✓
Industrial Engineering Technicians	431	\$51,400	15	1.0%	4.9%	None	None	✓
Civil Engineering Technicians	504	\$65,200	15	0.8%	6.6%	None	None	✓
Engineering Technicians, Except Drafters, All Other	428	\$66,000	15	1.2%	6.0%	None	None	✓
Air Traffic Controllers	230	\$126,700	14	1.4%	5.9%	None	Long-term	
Architectural and Civil Drafters	566	\$54,900	14	1.0%	5.6%	None	None	✓
Magnetic Resonance Imaging Technologists	269	\$77,900	13	3.1%	2.7%	None	None	
Mechanical Drafters	416	\$59,000	12	0.7%	4.8%	None	None	✓

Source: JobsEQ®

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Inland Empire Occupations with Wages Near or Above Average Requiring an Associate's Degree

	Current Regional Employment	Average Annual Wages	Total Annual Demand	Projected Average Annual Employment Growth	Estimated Unemployment Rate	Previous Work Experience	Typical On-the-Job Training	STEM
Mechanical Engineering Technicians	253	\$47,500	10	1.6%	5.2%	None	None	✓
Radiation Therapists	149	\$87,900	8	3.0%	3.7%	None	None	
Nuclear Medicine Technologists	174	\$95,800	8	2.8%	2.5%	None	None	
Morticians, Undertakers, and Funeral Directors	157	\$65,300	8	2.3%	7.0%	None	Apprenticeship	
Social Science Research Assistants	102	\$46,300	7	2.6%	9.9%	None	None	
Electrical and Electronics Drafters	193	\$55,600	7	2.1%	5.7%	None	None	✓
Environmental Engineering Technicians	126	\$45,600	7	2.7%	5.5%	None	None	✓
Broadcast Technicians	129	\$46,300	5	1.7%	10.7%	None	Short-term	
Drafters, All Other	125	\$52,800	5	2.3%	5.9%	None	None	✓
Precision Instrument and Equipment Repairers, All Other	93	\$51,900	5	1.6%	4.3%	None	Long-term	

Source: JobsEQ®

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Inland Empire Occupations with Wages Near or Above Average Requiring an Associate's Degree

	Current Regional Employment	Average Annual Wages	Total Annual Demand	Projected Average Annual Employment Growth	Estimated Unemployment Rate	Previous Work Experience	Typical On-the-Job Training	STEM
Respiratory Therapy Technicians	96	\$53,800	4	2.5%	3.1%	None	Moderate-term	
Nuclear Technicians	56	\$75,100	4	2.4%	5.5%	None	Moderate-term	✓
Electro-Mechanical Technicians	79	\$53,100	3	1.5%	5.6%	None	None	✓
Funeral Service Managers	57	\$63,100	3	2.4%	3.6%	None	Apprenticeship	
Geological and Petroleum Technicians	42	\$52,900	3	2.3%	11.4%	None	Moderate-term	✓
Desktop Publishers	71	\$45,400	3	1.1%	9.3%	None	Short-term	
Aerospace Engineering and Operations Technicians	47	\$63,300	2	1.2%	4.8%	None	None	✓
Camera and Photographic Equipment Repairers	26	\$43,700	1	1.7%	3.9%	None	Long-term	

Source: JobsEQ®

Inland Empire Occupations with Wages Near or Above Average Requiring Postsecondary **Non-Degree Award**

	Current Regional Employment	Average Annual Wages	Total Annual Demand	Projected Average Annual Employment Growth	Estimated Unemployment Rate	Previous Work Experience	Typical On-the-Job Training	STEM
Licensed Practical and Licensed Vocational Nurses	5,782	\$46,100	357	3.1%	4.8%	None	None	
Firefighters	3,548	\$58,500	167	1.7%	8.0%	None	Long-term	
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,372	\$48,900	155	3.1%	7.9%	None	Long-term	
First-Line Supervisors of Production and Operating Workers	4,753	\$52,000	144	1.2%	5.5%	1 to 5 years	None	
Medical Records and Health Information Technicians	1,556	\$43,400	96	2.9%	6.9%	None	None	
Telecommunications Equipment Installers and Repairers, Except Line Installers	1,488	\$58,200	52	1.8%	5.6%	None	Moderate-term	
Massage Therapists	655	\$45,300	46	4.1%	6.7%	None	None	
First-Line Supervisors of Fire Fighting and Prevention Workers	720	\$101,800	46	1.7%	2.3%	1 to 5 years	None	

Source: JobsEQ®

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Inland Empire Occupations with Wages Near or Above Average Requiring Postsecondary Non-Degree Award

	Current Regional Employment	Average Annual Wages	Total Annual Demand	Projected Average Annual Employment Growth	Estimated Unemployment Rate	Previous Work Experience	Typical On-the-Job Training	STEM
Aircraft Mechanics and Service Technicians	914	\$61,700	44	1.8%	2.5%	None	None	
Surgical Technologists	835	\$49,300	44	3.6%	3.5%	None	None	
Health Technologists and Technicians, All Other	716	\$41,600	36	3.3%	4.3%	None	Short-term	
Medical Transcriptionists	559	\$46,100	22	1.6%	3.6%	None	None	
Audio and Video Equipment Technicians	363	\$42,500	20	2.8%	10.2%	None	Moderate-term	
Electrical and Electronics Repairers, Commercial and Industrial Equipment	505	\$56,100	20	1.6%	5.8%	None	Long-term	
Psychiatric Technicians	831	\$57,400	16	0.8%	3.8%	None	Short-term	
Commercial Pilots	247	\$70,500	14	2.3%	2.7%	None	None	

Source: JobsEQ®

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Inland Empire Occupations with Wages Near or Above Average Requiring Postsecondary Non-Degree Award

	Current Regional Employment	Average Annual Wages	Total Annual Demand	Projected Average Annual Employment Growth	Estimated Unemployment Rate	Previous Work Experience	Typical On-the-Job Training	STEM
Electronic Home Entertainment Equipment Installers and Repairers	249	\$43,500	14	1.2%	8.2%	None	None	
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	182	\$79,700	6	1.2%	4.4%	None	Long-term	
Avionics Technicians	126	\$72,400	5	1.9%	4.6%	None	None	
Court Reporters	141	\$82,600	5	1.7%	7.1%	None	Short-term	
Electric Motor, Power Tool, and Related Repairers	169	\$44,900	5	0.7%	6.6%	None	Long-term	
Commercial Divers	39	\$77,200	3	3.8%	11.8%	None	Moderate-term	
Electrical and Electronics Installers and Repairers, Transportation Equipment	72	\$55,500	3	1.4%	5.3%	None	Long-term	
Hearing Aid Specialists	51	\$49,800	2	3.2%	4.8%	None	Short-term	

Source: JobsEQ®

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Inland Empire Occupations with Wages Near or Above Average Requiring Postsecondary Non-Degree Award

	Current Regional Employment	Average Annual Wages	Total Annual Demand	Projected Average Annual Employment Growth	Estimated Unemployment Rate	Previous Work Experience	Typical On-the-Job Training	STEM
Sound Engineering Technicians	59	\$58,400	2	1.7%	4.8%	None	Short-term	
Insurance Appraisers, Auto Damage	60	\$58,000	2	0.6%	8.6%	None	Moderate-term	
Refractory Materials Repairers, Except Brickmasons	23	\$45,500	1	1.1%	4.7%	None	Moderate-term	
Embalmers	29	\$41,300	1	-0.4%	3.2%	None	Short-term	
Signal and Track Switch Repairers	14	\$58,500	1	1.1%	16.9%	None	Moderate-term	
Makeup Artists, Theatrical and Performance	15	\$73,000	0	1.9%	8.3%	None	None	

Source: JobsEQ®

Recap

- San Bernardino-Riverside economy is recovering but not yet to previous high
 - Employment gains will be steady in 2014 and beyond
 - California economy also poised for continued expansion
 - The housing recovery has lost some of its momentum and the full recovery will be long

Recommendations

- Consider marketing efforts to increase enrollment in programs designed to feed select occupations
 - Incentive plans or targeted assistance may be necessary in areas with low-educational attainment populations
 - Credentials: what is their role?
- Focus on STEM programs
 - More money for high school STEM programs
 - Expand enrollment in Associate's degree programs in STEM fields through public-private partnerships

Questions?

THANK YOU!

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